

Docket No. 283622US40PCT



MAIL STOP PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yutaka KUNITA, et al.

SERIAL NO: 10/561,344

GAU:

FILED: December 20, 2005

EXAMINER:

FOR: VIRTUAL VISUAL POINT IMAGE GENERATING METHOD AND 3-D IMAGE DISPLAY METHOD AND DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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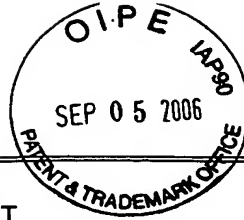
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 283622US40PCT		SERIAL NO. 10/561,344	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yutaka KUNITA, et al.			
				FILING DATE December 20, 2005		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AC	2003 163929	06/06/2003	JP (with English abstract)			NO
	AD	2003 99800	04/04/2003	JP (with English abstract)			NO
	AE	2001 67473	03/16/2001	JP (with English abstract)			NO
	AF	2000 215311	08/04/2000	JP (with English abstract)			NO
	AG	11 351843	12/24/1999	JP (with English abstract)			NO
	AH	4 264207	09/21/1992	JP (with English abstract)			NO
	AI	1 089 573	04/04/2001	EP			NO
	AJ	2 326 302	12/16/1998	GB			NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AK	KANADE et al., "VIRTUALIZED REALITY: CONSTRUCTING VIRTUAL WORLDS FROM REAL SCENES", IEEE MULTIMEDIA, Vol. 4, No. 1, pages 34-46, 1997					
	AL	IKEUCHI, "MODEL GENERATION OF REAL OBJECT USING IMAGES", JOURNAL OF THE ROBOTICS SOCIETY OF JAPAN, Vol. 16, No. 6, pages 763-766, 1998					
	AM	OKUTOMI, "WHY IS STEREO DIFFICULT?", JOURNAL OF THE ROBOTICS SOCIETY OF JAPAN, Vol. 16, No. 6, pages 773-777, 1998					
	AN	POTMESIL, "GENERATING OCTREE MODELS OF 3D OBJECTS FROM THEIR SILHOUETTES IN A SEQUENCE OF IMAGES", COMPUTER VISION, GRAPHICS, AND IMAGE PROCESSING, Vol. 40, pages 1-29, 1987					
	AO	SHADE et al., "LAYERED DEPTH IMAGES", SIGGRAPH98 CONFERENCE PROCEEDINGS, pages 231-242, 1998					
	AP	TAGO et al., "VIDEO-BASED RENDERING WITH DYNAMIC LAYERED REPRESENTATION", THREE-DIMENSIONAL IMAGE CONFERENCE, pages 33-36, 2001 (with English abstract)					
	AQ	PENTLAND, "A NEW SENSE FOR DEPTH OF FIELD", IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, Vol. PAMI-9, No. 4, pages 523-531, 1987					
	AR	SUBBARAO et al., "DEPTH FROM DEFOCUS: A SPATIAL DOMAIN APPROACH", INTERNATIONAL JOURNAL OF COMPUTER VISION, Vol. 13, No. 3, pages 271-294, 1994					
	AS	ISHIHARA et al., "HIGH SPEED 3-D SHAPE MEASURING APPARATUS USING SHAPE FROM FOCUS METHOD", PRECISION ENGINEERING, Vol. 63, No. 1, pages 124-128, 1997 (with English abstract)					
	AT	OOBA et al., "REAL TIME ALL FOCUSING MICROSCOPE CAMERA", O PLUS E, Vol. 22, No. 12, pages 1568-1576, 2000					
	AU	MOEZZI et al., "VIRTUAL VIEW GENERATION FOR 3D DIGITAL VIDEO", IEEE MULTIMEDIA, pages 18-26, 1997					
	AV	KUNITA et al., "REAL-TIME RENDERING SYSTEM OF 3D MOVING OBJECTS", 3D IMAGE CONFERENCE, 1999 (with English abstract)					
	AW	NAEMURA et al., "VIDEO-BASED RENDERING", 3D IMAGE CONFERENCE, pages 165-170, 1998 (with English abstract)					
	AY					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

U.S. PCT Application Serial No: 10/561,344

Filed: December 20, 2005

Yutaka KUNITA, et al.

Docket No. 283622 US



STATEMENT OF RELEVANCY

- 1) References have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AK-AT are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AC-AJ and AU-AW are additional prior art known to Applicant. A copy of these references is being submitted herewith.